



NFPA 101, 2006 EDITION.

CONSTRUCTION TYPE

MAXIMUM AREA:

NO MODIFICATIONS ARE NECESSARY.

• LIFE SAFETY CODE

 WIND LOAD 90 MPH, SECTION 1609.

SNOW LOAD

10 PSF, TABLE 1608. • OCCUPANCY CLASSIFICATION

INSTITUTIONAL GROUP I-2. • NEW ADDITION BUILDING PROPERTIES **GROUND FLOOR** 3,574 FIRST FLOOR 17,426

SECOND FLOOR TOTAL 21,931 - 3' - 0" ABOVE GROUND FLOOR GRADE PLANE

BUILDING HEIGHT - 52' - 0"

NUMBER OF BUILDING STORIES - 3 THE NEW BUILDING ADDITION IS EQUIPPED WITH A FULLY AUTOMATIC SPRINKLER SYSTEM PER IBC SECTION 903.3.1.1.

MAXIMUM ALLOWABLE HEIGHT AND AREA FOR I-2 OCCUPANCY WITH TYPE 1B CONSTRUCTION (TABLE 503): MAXIMUM HEIGHT: 160' - 0" 4 - STORIES MAXIMUM STORIES:

• ALLOWABLE HEIGHT AND AREA MODIFICATIONS PER IBC TABLE 503, THE BUILDING IS WITHIN THE ALLOWABLE HEIGHTS AND AREA.

UNLIMITED

– 1B

• FIRE PROTECTION

PER IBC TABLE 601, THE FOLLOWING BUILDING ELEMENTS SHALL BE FIRE PROTECTED:

**BUILDING ELEMENT** <u>FIRE RATING</u> UL DESIGN # STRUCTURAL FRAME 2 HOUR X829 / X827 (COLUMNS, GIRDERS, BEAMS) FLOOR CONSTRUCTION 2 HOUR D858 (INCLUDING SUPPORTING BEAMS AND JOISTS) ROOF CONSTRUCTION 1 HOUR P922

PER IBC SECTION 407.4, SMOKE BARRIERS SHALL BE PROVIDED TO SUBDIVIDE EVERY STORY USED BY PATIENTS FOR SLEEPING OR TREATMENT INTO AT LEAST TWO SMOKE COMPARTMENTS. SMOKE COMPARTMENTS SHALL NOT EXCEED 22,500 SQUARE FEET. TRAVEL DISTANCE FROM ANY POINT IN A SMOKE COMPARTMENT TO A SMOKE BARRIER DOOR SHALL NOT EXCEED 200 FT.

PER NFPA 101, TABLE 18.3.2.1 THE FOLLOWING AREAS SHALL BE FIRE PROTECTED:

FIRE PROTECTION

SOILED LINEN ROOMS 1 – HOUR STORAGE ROOMS 1 - HOUR OVER 100 SQ., FT.

(INCLUDING SUPPORTING BEAMS AND JOISTS)

PER IBC, SECTION 707.4 SHAFT ENCLOSURES (STAIRS, ELEVATOR, MECHANICAL CHASES) SHALL HAVE A FIRE RESISTANCE OF 1-HOUR WHERE CONNECTING FOUR STORIES OR LESS.

## • EGRESS

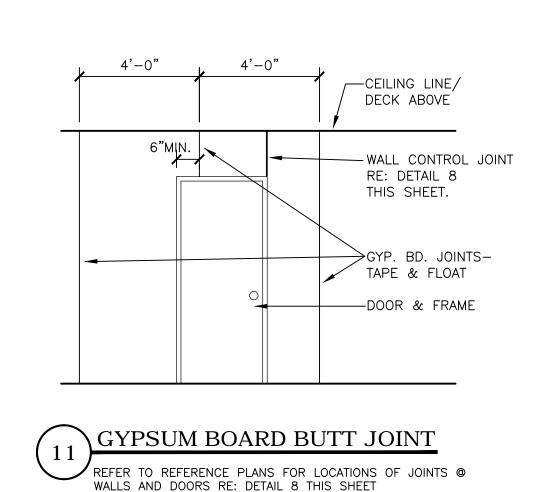
PER NFPA 101, 18.2.6:

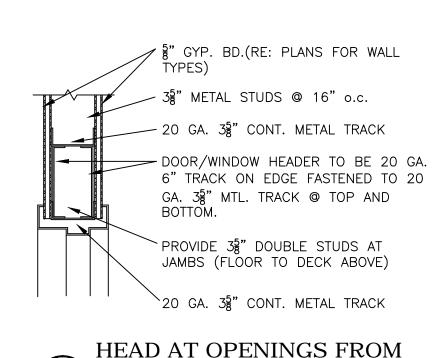
METAL STUD

1<sup>1</sup>," COLD ROLLED CHANNEL 16 GA.

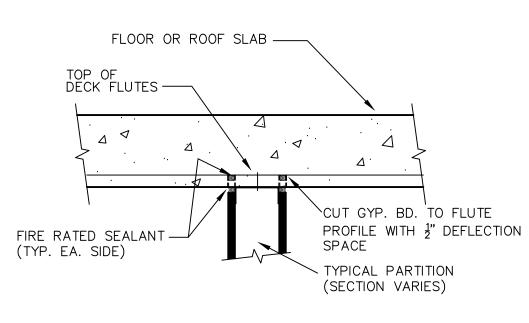
TRAVEL DISTANCE BETWEEN ANY ROOM DOOR REQUIRED AS AN EXIT ACCESS AND AN EXIT SHALL NOT EXCEED 150

 TRAVEL DISTANCE BETWEEN ANY POINT IN A ROOM AND AN EXIT SHALL NOT EXCEED 200 FEET. TRAVEL DISTANCE BETWEEN ANY POINT IN A HEALTH CARE SLEEPING ROOM AND AN EXIT ACCESS DOOR IN THAT ROOM SHALL NOT EXCEED 50 FEET.

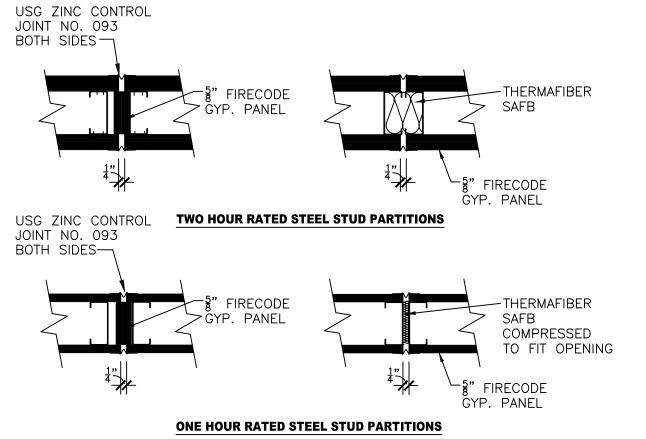




\ 4'-4" TO 15'-0" WIDE







FIRE RATED CONTROL JOINTS

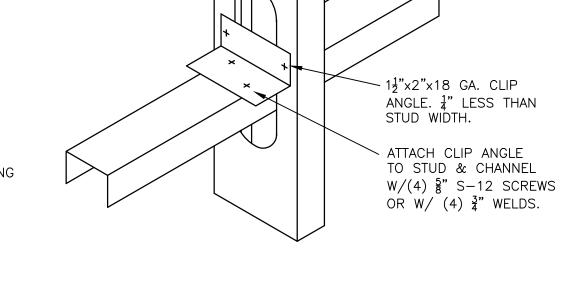
(NON RATED JOINTS SIMILAR W/O GYP. BOARD OR

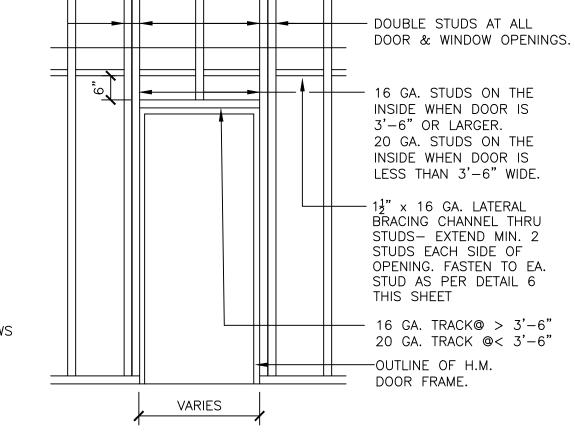
THERMAFIBER BACKING)

35/8" WIDE STEEL STUDS, 11/2" LEGS AND 3/8" RETURN FORMED

OF 20 MSG (MINIMUM) GALVANIZED STEEL. MAXIMUM STUD

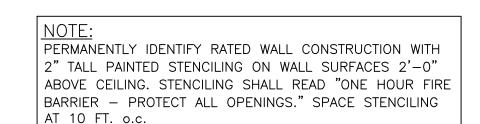
SPACING AT 1'-4" o.c. STUDS TO BE CUT \( \frac{3}{4} \)" LESS THAN

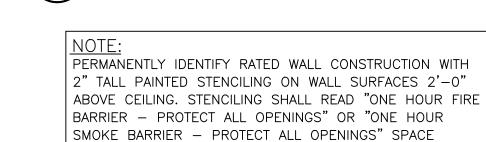




───────── MTL. STUDS— SEE PLANS







- NESTED TRACK

RE: 12/A0.0

-ROOF OR FLOOR STRUCTURE ABOVE

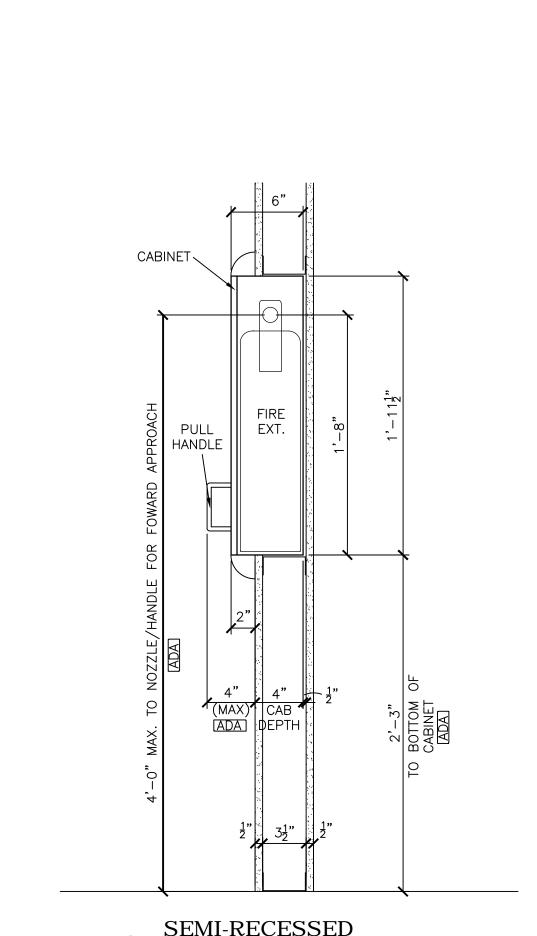
U.L. FIRE RESISTANT SEALANT

\_CUT GYPSUM BOARD AND SEAL AGAINST STRUCTURE WITH

STENCILING AT 10 FT. o.c.

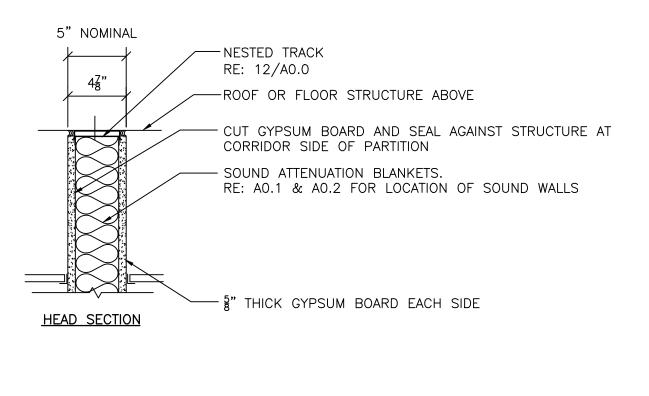
DOOR & WINDOW (SIMILAR)

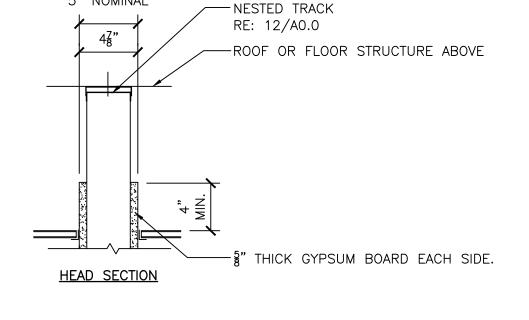
\OPENING FRAMING ELEVATION



FIRE EXTINGUISHER CABINET

SCALE: 1 1/2" = 1'-0"

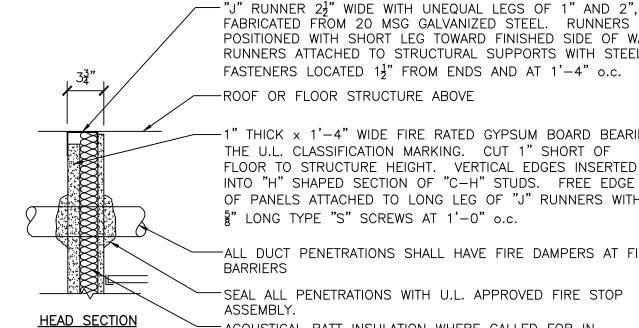




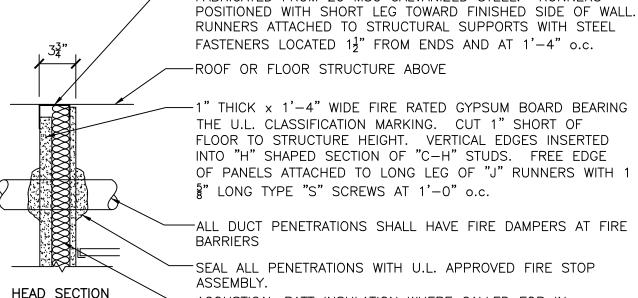
ASSEMBLY HEIGHT.

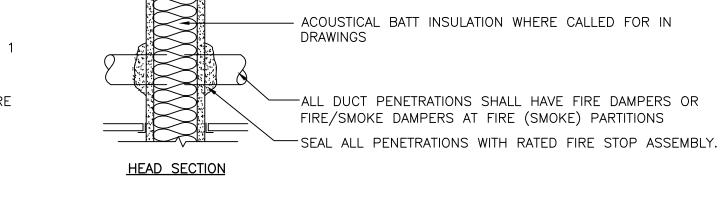
5" NOMINAL

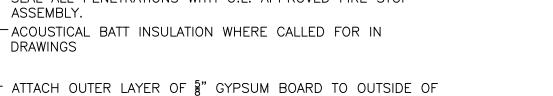
PLAN SECTION

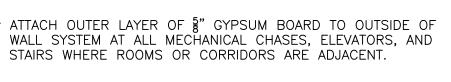


DRAWINGS

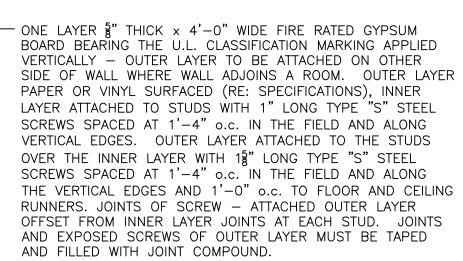


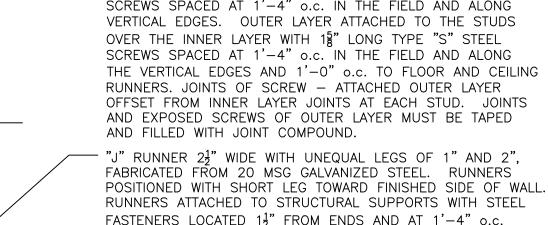


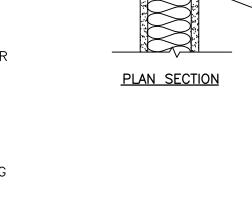




- "C-H" STUDS,  $1\frac{1}{2}$ " WIDE x  $1\frac{1}{2}$ " DEEP, FABRICATED FROM 20 MSG GALVANIZED STEEL. CUT TO LENGTHS AT 1/2" SHORTER THAN FLOOR TO STRUCTURE HEIGHT. SPACE AT 1'-4" o.c.





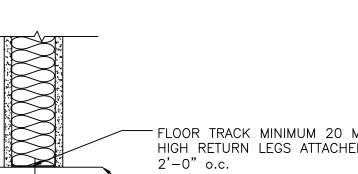


'THICK  $\times$  4'-0" WIDE FIRE RATED GYPSUM BOARD BEARING THE U.L. CLASSIFICATION MARKING EACH SIDE. PAPER OR VINYL SURFACED (RE: SPECIFICATIONS) ATTACHED TO STUDS WITH 1" LONG TYPE "S" STEEL SCREWS SPACED AT 1'-4" o.c. IN THE FIELD AND ALONG VERTICAL EDGES AND 1'-0" ALONG FLOOR AND CEILING TRACKS. JOINTS MUST BE TAPED WHERE EXPOSED TO VIEW OR UNTAPED WHERE UNEXPOSED

穩" WIDE STEEL STUDS, 1¼" LEGS AND ¾" RETURN FORMED

OF 20 MSG (MINIMUM) GALVANIZED STEEL. MAXIMUM STUD

SPACING AT 1'-4" o.c. STUDS TO BE CUT 3" LESS THAN



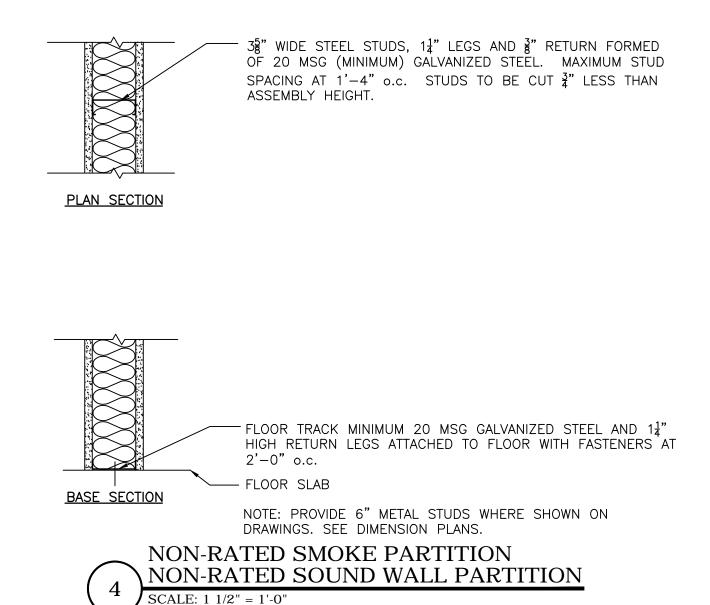
Date

ASSEMBLY HEIGHT.

 $\longrightarrow$  FLOOR TRACK MINIMUM 20 MSG GALVANIZED STEEL AND  $1\frac{1}{4}$ " HIGH RETURN LEGS ATTACHED TO FLOOR WITH FASTENERS AT

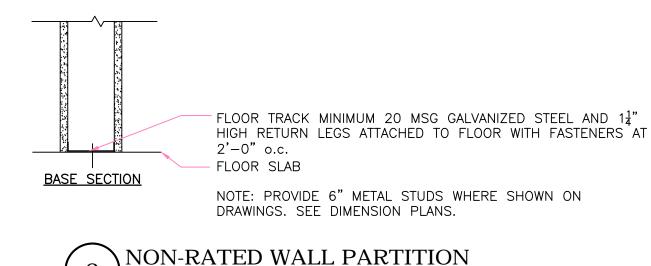
FLOOR SLAB BASE SECTION NOTE: PROVIDE 6" METAL STUDS WHERE SHOWN ON

DRAWINGS. SEE DIMENSION PLANS. ONE HOUR SMOKE BARRIER WALL ONE HOUR FIRE BARRIER WALL SCALE: 1 1/2" = 1'-0" OPENING PROTECTION RATING: ¾ HOUR U.L. DESIGN NO.: U 465



OPENING PROTECTION RATING: N/A

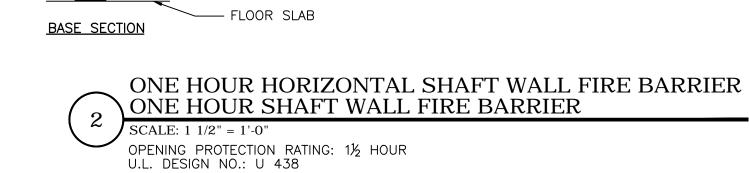
U.L. DESIGN NO.: N/A



SCALE: 1 1/2" = 1'-0"

U.L. DESIGN NO.: N/A

OPENING PROTECTION RATING: N/A







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PLAN SECTION

Drawing Title	Project Title
CODE INFORMATION, PARTITION TYPES, & DETAILS	JLM MEMORIAL VETE HOSPITAL - EXPAND

Building Number

1- JLM

CAVHS LITTLE ROCK, AR

MORIAL VETERAN'S AL - EXPAND MICU		NOV 201 Project No. XXXXX	
	J.M.	P&D	$\Lambda \wedge \Lambda$

